

PTO/SB/97 (08-00)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**Certificate of Transmission under 37 CFR 1.8**

I hereby certify that this correspondence is being facsimile  
transmitted to the Patent and Trademark Office

on September 29, 2003

Date

**RECEIVED**  
CENTRAL FAX CENTER

SEP 29 2003

  
Signature

DJ Bogorodsky

Typed or printed name of person signing Certificate

**OFFICIAL**In re: application of: Peidong Yang et al.Application Number: 10/032,698Filed: December 27, 2001Title: Nanowire Optoelectric Switching Device and MethodAtty Docket Number: 18062R-004300US TYB/SYC/djb

Being faxed to Examiner - **Eric K. Wong** Group 2874 at facsimile number **1-703-872-9318** are the following documents:

This PTO/SB/97 Certificate of Transmission (1 page);  
PTO/SB/21 Transmittal Form (1 page); and  
Amendment (7 pages)

Number of pages being transmitted: 9

Burden Hour Statement: This form is estimated to take 0.03 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60048141 v1

38330

PTO/SB/21 (05-03)

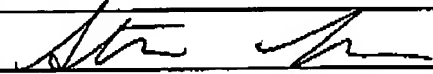
Approved for use through 04/30/2003, OMB 0651-0031

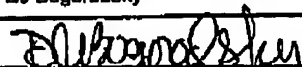
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/032,698	
	Filing Date	December 27, 2001	
	First Named Inventor	Yang, Peidong	
	Art Unit	2874	
	Examiner Name	Eric K. Wong	
Total Number of Pages in This Submission	9	Attorney Docket Number	18062R-004300US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply (7 pgs) <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO/SB/97 Certificate of Transmission (1 pg) this PTO/SB/21 Transmittal Form (1 pg)
Remarks: The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual	Townsend and Townsend and Crew LLP Steve Y. Cho Reg. No. 44,612	
Signature		
Date	September 28, 2003	

CERTIFICATE OF TRANSMISSION		
I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, Fax No. (703) 872-8918 on September 29, 2003		
Typed or printed name	DJ Bogorodsky	
Signature		Date September 29, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. 60048135 v1

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. 1-703-872-9318 on September 29, 2003.

**PATENT**  
Attorney Docket No.: 18062R-004300US  
Client Ref. No.: B02-001-1

TOWNSEND and TOWNSEND and CREW LLP

By: 

DJ Bogodsky

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

PEIDONG YANG et al.

Application No.: 10/032,698

Filed: December 27, 2001

For: NANOWIRE OPTOELECTRIC  
SWITCHING DEVICE AND METHOD

Customer No.: 20350

Confirmation No.: 5364

Examiner: Eric K. Wong

Art Unit: 2874

Technology Center: 2800

AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed June 27, 2003, please enter the following amendments and remarks:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.